

REVIVIFICATION DISPLAY METHOD FOR OUTLINE FONTS BASED ON STROKE CENTERLINES TECHNOLOGY

ABSTRACT OF THE DISCLOSURE

5 A revivification display method specialized for outline fonts that based on
Stroke Centerline Technology of self-defined data format, which can be applied to
any operating system to enforce the function of multi-font Chinese and multi-
language characters. Because the stroke is described based on the centerline, and
stroke thickness parameter and curvature change parameter are introduced, the fonts
10 are infinitely beautiful. The data share of stroke-composed components and
component-composed characters makes small memory consumption of font database
and revivification program, and so the process of revivification is very fast. The font
generator integrated circuit (IC) product of this method can be embedded into CPU to
make the system directly to be Chinese localized without any additional cost, so the
15 IC product is especially suitable for embedded applications with very wide
application prospect.